E-Filed Attorney Docket No.: 34407-503 NATL

Date of Deposit: October 15, 2008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hirst *et al.* Confirmation No.: 8699

SERIAL NUMBER.: 09/674,935 EXAMINER: Jana A. Hines

FILING DATE: December 21, 2000 ART UNIT: 1645

FOR: VACCINE

MAIL STOP RCE

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION DATED APRIL 15, 2008.

In response to the Final Office Action mailed on April 15, 2008, Applicants submit this Amendment and Response. This response should be timely filed on or before October 15, 2008 with the Petition for Three- Month Extension of Time filed herewith. This Response is filed along with a Request for Continued Examination (RCE) under 37 C.F.R. § 1.141 and submission fee of \$405.00 for a small entity. Entry and consideration of this Amendment is respectfully requested. Applicants believe no further fee is due at this time; however, the Commissioner is authorized to charge any additional fees that may be due, or to credit any overpayment, to the undersigned's account, Deposit Account No. 50-0311, Reference No. 34407-503 NATL.

Amendments to the claims are shown in the listing of claims, which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.